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REMARKS

Restriction Requirement

Applicants have been advised of a restriction to claims 1-29 drawn to compounds comprised of dendritic polymers having segments containing alternating conjugated double and triple bonds, or claims 30-46 drawn to a method of detecting and/or quantifying an analyte in a sample.

In response to the restriction requirement, Applicants elect for further prosecution on the merits, without traverse, the inventions of claims 1-29.

Election of Species Requirement

Applicants have also been required to elect a single disclosed species which defines, by chemical structure, each of "the variables defined as 'dendritic polymer core' and 'segments containing alternating conjugated double and triple bonds formed by intramolecular linking of diacetylene moieties bonded to the dendritic polymer core'."

In response to the election of species requirement, Applicants elect for further prosecution on the merits a PAMAM dendrimer core and the diacetylene reagent of claim 16. During a telephonic interview with Examiner Mary E. Ceperley on October 13, 2004, it was agreed that the above election would constitute an appropriate response.

All of the elected claims (1-29) which remain under consideration read on the elected species.

Applicants' attorney is grateful for the kind assistance provided by the Examiner during the interview to help Applicants identify appropriate species for selection in response to the election of species requirement.

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CONCLUSION

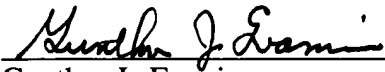
In view of the above amendments and elections, examination and allowance of the claims is requested.

Respectfully submitted,

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Date


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